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Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 4th November 1961

##### Special Notice

There was no notification on 28th October 1961.

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.  
11th October 1961

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| <p>78808. J. L. Mulvaney. Improvement in precast concrete hollow walls and the like.</p> <p>78809. R. K. Kapoor. Improvement in or relating to devices for cutting off the power supply.</p> <p>78810. K. N. Misra. Offset configurations on some typebodies (meant for typewriters/teleprinters and like machines) of which the width is relevantly more than the distance by which the carriage uniformly moves, to create fusion or overlapping by virtue of orthogonal, cross-, or, inter-, sectional projections automatically created.</p> <p>78811. P. A. Anant. Vertical slot in the cover of electrical fittings.</p> <p>78812. Shell Internationale Research Maatschappij N.V. Process for the treatment of light hydrocarbon oils. (13th October 1960).</p> <p>78813. Westinghouse Brake and Signal Company Limited. Improvements in and relating to vehicle standstill detectors. (16th November 1960).</p> <p>78814. Gevaert Photo-Producten N. V. Photographic image-receiving material.</p> <p>78815. Gevaert Photo-Producten N. V. Photographic image-receiving material.</p> <p>78816. The British Oxygen Company Limited. Separation of air. (17th October 1960).</p> <p>78817. Elemelt Limited. Improvements relating to methods of and furnaces for melting or refining glass electrically. (18th October 1960).</p> <p>78818. Egyesült Gyógyszer—Es Tápszergyár. Process for the preparation of new p-alkyl-benzyl-tropinium derivatives.</p> <p>78819. AMP Incorporated. Improvements in electrical connections and methods of making them.</p> <p>78820. Wahl Clipper Corporation. Casing structure for hair clipper.</p> <p>78821. Glaxo Laboratories Limited. Chemical process. (8th July 1959). [Divisional date 30th June 1960].</p> | <p>78822. Buckman Laboratories, Inc. Compositions and processes for the treatment of fourdrinier wire cloths of papermaking machines.</p> <p>78823. W. C. Heraeus G.M.B.H. Hard ink-resistant alloys.</p> <p>78824. W. C. Heraeus G.M.B.H. Hard chemically resistant alloys.</p> <p>78825. K. Haussermann and H. Haussermann. Pressure chamber for hydraulically or pneumatically operated clutches, in particular friction clutches.</p> <p>78826. A. Osdor. Plant and process for the desalinization of saline water, such as sea water, saline brines or brackish water and for the recovery of the salts contained therein.</p> <p>78827. Egyesült Izzolampa Es Villamossági Reszvénytársaság. Method for the production of incandescent lamp filaments. (15th June 1961).</p> <p>78828. Aktiebolaget Svenska Flaktfabriken. A device for the support of rapping bars for electrodes in electrofilters.</p> <p>78829. Ciba Limited. Manufacture of 19-nor-steroids.</p> <p>78830. Ciba Limited. Manufacture of new steroids.</p> <p>78831. Ciba Limited. New vat dyestuffs and process for their manufacture.</p> <p>78832. Ciba Limited. Manufacture of new -carbolines.<br/>12th October 1961</p> <p>78833. J. C. Kattakayam. Cashewnut shell liquid products.</p> <p>78834. Prafulla Chandra Ghosh. Improvements in and relating to production of malleable cast iron.</p> <p>78835. Dr. A. Wander S.A. Polybasic compounds and process for their production.</p> <p>78836. Worthington Corporation. Force feed heat pump system.</p> <p>78837. Westinghouse Electric Corporation. Improvements in or relating to rectifier structure. (4th November 1960).</p> <p>78838. Shell Internationale Research Maatschappij N.V. A process for the dehydrogenation of hydrocarbons. (14th October 1960).</p> <p>78839. Rayonier Incorporated. Chemical processing.</p> <p>78840. Kentredder Limited. Tyre re-treading equipment.</p> <p>78841. Olin Mathieson Chemical Corporation. Synthesis of steroids.</p> <p>78842. Olin Mathieson Chemical Corporation. Hollow core cable and method of fabricating cable.</p> <p>78843. F. Reiterer, L. Windisch and J. Nifenecker. Improvements relating to fibre processing machines.</p> |
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78844. F. Reiterer, L. Windisch and J. Niferecker. Fibre processing machines.
78845. Simon-Carves Limited. Improvements in and relating to the treatment of gases.
78846. May & Baker Limited. Process for the preparation of phenylpiperidine and phenyltetrahydropyridine compounds. [Divisional date 29th April 1960].
78847. May & Baker Limited. Pharmaceutical compositions comprising phenylpiperidine and phenyltetrahydropyridine compounds. [Divisional date 29th April 1960].
78848. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to memory elements consisting of conductive magnetic material.
78849. B. N. V. Bergling and A. G. E. Robiette. Treatment of mixed oxidic ores containing iron. (13th October 1960).
78850. Y. C. Yuen. Improvements in or relating to an automobile construction. (2nd November 1960).

13th October 1961

78851. Chandan Metal Products Private Limited. An improved method of manufacturing locks and the like.
78852. E. W. Martin. Demountable buildings.
78853. Shell Internationale Research Maatschappij N.V. Process for the catalytic hydrogenating treatment of hydrocarbon oils.
78854. Shell Internationale Research Maatschappij N.V. Process for the catalytic selective hydrogenation of light, diene-containing cracked hydrocarbon oils.
78855. Shell Internationale Research Maatschappij N.V. A process for the refining of diene-containing gasolines obtained by cracking. (21st October 1960).
78856. Bataafse Petroleum Maatschappij N.V. Improved process for the separation of a mixture containing polymerizable olefinic hydrocarbons.
78857. Westinghouse Brake and Signal Company Limited. Improvements in or relating to three-phase power control. (1st November 1960).
78858. J. R. Geigy A-G. Low temperature pigment binder compositions for textile fabrics.
78859. The Glacier Metal Company Limited. Polyethylene-terephthalate-lined bearings. (14th October 1960).
78860. United Kingdom Atomic Energy Authority. Improvements in or relating to ultrasonic methods of testing. (25th October 1960).
78861. United Kingdom Atomic Energy Authority. Improvements in or relating to nuclear fuel elements. (27th October 1960).
78862. United Kingdom Atomic Energy Authority. Nuclear fuel elements. (27th October 1960).
78863. Rohm & Haas Company. Cyanation process. [Addition to No. 68704].
78864. A. H. Beckett. New piperidine derivatives and processes for preparing the same. (20th October 1960).
78865. Imperial Chemical Industries Limited. New polymeric compositions. (27th October 1960).
78866. Sandusky Foundry & Machine Company. Suction roll shell and method of making same. (29th May 1961).
78867. Kharkovsky Zavod "Electrotiazhmash" V. I. Lenin. Butt glands for parking of turbogenerator shafts.
78868. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble disazo-dyestuffs and process for their manufacture.
78869. Jhonson & Jhonson. Compositions of matter.
78870. K. Haussermann and H. Haussermann. Clutches, especially for motor vehicles.
78871. K. Haussermann and H. Haussermann. Clutches, especially for motor vehicles.
78872. K. Haussermann and H. Haussermann. Clutch, in particular for road vehicles.
78873. K. Haussermann and H. Haussermann. Control apparatus for rotating servo-operated members, in particular for hydraulically operated clutches.
78874. K. Haussermann and H. Haussermann. Servo-operated clutches, in particular for motor vehicles.
78875. A. Gartner. Crusher device for coarse and/or fine grained material.
78876. W. C. Heraeus G.m.b.H. Light current contacts.
78877. W. C. Heraeus G.m.b.H. Application of a platinum alloy for electrical contacts.
78878. W. C. Heraeus G.m.b.H. Application of palladium alloys for electrical contacts.
78879. B. A. Cousino. Tape magazines for magnetic sound recording and/or reproducing mechanisms.
78880. B. A. Cousino. Tape feeding apparatus for magnetic sound recording and/or reproducing mechanisms.
78881. Vsesojuzny Nauchno-Issledovatel'ski Institut Zhelez-nodorozhnogo Transporta. Automatic coupler for railway rolling stock.
78882. Standard Telephones and Cables Limited. Improved loaded transmission circuits.
78883. Ferodo Limited. Friction materials. (18th October 1960).
78884. Aluminium-Industrie-Aktien-Gesellschaft. Improvements relating to lining compositions.
78885. Massey-Ferguson (Australia) Limited. Improvements in or relating to cultivators. (14th October 1960).
78886. Ciba Limited. Process for the manufacture of aryl compounds.
78887. Toyo Boseki Kabushiki Kaisha, and Howa Kogyo Kabushiki Kaisha. Improvements in automatic doffer.
78888. Gebr. Bohler & Co. Aktiengesellschaft. Improvements in or relating to pistons for pneumatic tools.
78889. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing a complex body and bodies thus manufactured.

20th October 1961

78890. H. A. Moontasir. An improved screw type closure for feeding bottle and the like.
78891. N. K. Irani. An improved scourer.
78892. R. Kumar. A measuring tape manufactured from synthetic yarn (glass fibre yarn) reinforced with plastic.
78893. Automatic Telephone & Electric Company Limited. Improvements in or relating to devices for detecting variations of an electrical quantity. (27th October 1960).
78894. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing elastomeric polymers.
78895. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of obtaining an aqueous impregnating liquid containing a thermo-setting resin of the phenolaldehyde type.
78896. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to glass cathode-ray tubes for the reproduction of images.
78897. Ciba Limited. Water-insoluble disazo-dyestuffs and process for their manufacture.
78898. Ciba Limited. New anthraquinone dyestuffs and process for their manufacture.
78899. Ciba Limited. Anthraquinone dyestuffs free from acid groups imparting water-solubility and a process for their manufacture.
78900. Union Carbide Corporation. Hydrocarbon oxidation.

78901. Union Carbide Corporation. Interpolymerization of carbon monoxide and alpha-monoolefins.
78902. Oldham & Son Limited. Improvements in or relating to electric storage batteries. (20th October 1960).
78903. Hughes Tool Company. Rock bit with replaceable nozzle.
78904. The Dow Chemical Company. Process for the production of expanded or foamed articles from foamable thermoplastic polymer compositions.
78905. Stauffer Chemical Company. Carbamyl phosphate compounds.
78906. Griffin Wheel Company. Bottom casting articles.
78907. Sandvikens Jernverks Aktiebolag. Improvements in or relating to guiding devices for percussion drills.
78908. Continental Oil Company. Improvements in power amplifying systems.
78909. Nalco Chemical Company. Cell or reaction unit for carrying out reactions and process.
78910. O-M Ltd., and Nitto Boseki Co. Ltd., Automatic can replacing apparatus.
78911. Merck & Co., Inc. New steroid compounds.
78912. Standard Telephones and Cables Limited. Automatic telecommunication exchange systems. (12th December 1960).
78913. Mrs. Saraswatiben Shivprasad Thaker. Air conditioned salt-shaker.
78914. Mrs. Saraswatiben Shivprasad Thaker. Shoulder-pin.
78915. K. Sundararajan. Safety trip off switch for body earth with fuse.
78916. E. V. Rao. A device for the production, collection and delivery of bio-gas (sometimes referred to as Gobar Gas, Cowdung Gas, and Fuel-Gas plants) which has a certain and definite advantages over the present existent bio-gas plants.
78917. The General Electric Company Limited. Improvements in or relating to seals for gas filled machines. (21st October 1960).
78918. John Thompson (Wolverhampton) Limited. Improvements relating to boilers. (17th November 1960).
78919. Stamicarbon N.V. Process and apparatus for determining the swelling of solid fuels.
78920. International Minerals & Chemical Corporation. Amino acid synthesis.
78921. Scientific Design Company, Inc. Chemical process.
78922. Imperial Chemical Industries Limited. New polycarbonates. (27th October 1960).
78923. Farbenfabriken Bayer Aktiengesellschaft. Methine dyestuffs. (11th August 1961).
78924. Lansing Bagnall Limited. Improvements in or relating to pipe connections. (20th October 1960).
78925. Lansing Bagnall Limited. Improvements in or relating to hydraulic power units. (20th October 1960).
78926. Automotive Products Company Limited. Improvements in and relating to disc brakes. (18th October 1960).
78927. Glaxo Laboratories Limited. Chemical process. (20th October 1960).
78928. Glaxo Laboratories Limited. Chemical process. (21st October 1960).
78929. Glaxo Laboratories Limited. Chemical process. (21st October 1960).
78930. Glaxo Laboratories Limited. Chemical process. (21st October 1960).
78931. Glaxo Laboratories Limited. Chemical process. (21st October 1960).
78932. Glaxo Laboratories Limited. Chemical process. (21st October 1960).
78933. Hovercraft Development Limited. Improvements in apparatus for acting on a fluid.
78934. Consortium Technique De Diffusion De Marques. Production of new amides of 2-acetoxy 3, 5-diisopropyl benzoic acid.
78935. International Resistance Company. Improvements in or relating to ceramic materials.
78936. Dufaylite Developments Limited. Honeycomb materials. (21st October 1960).
78937. Heenan & Froude Limited. Improvements in fluid cooled machines.
78938. Westinghouse Electric Corporation. Improvements in or relating to process for producing selectively doped semiconductor dendritic crystals. (15th February 1961).
78939. Westinghouse Electric Corporation. Improvements in or relating to process for making semiconductor devices. (24th May 1961).
78940. Westinghouse Electric Corporation. Improvements in or relating to shielding for high voltage rectifier stacks.
78941. G. R. Nair. Weaving wheel.
78942. Federal-Mogul-Bower Bearings, Inc. Method of making a composite strip.
78943. Baylor University College of Medicine. Improvements in or relating to vaccine compositions and methods.
78944. Dana Corporation. Improvements in or relating to apparatus for connecting an input member and an output member together for unitary rotation. (2nd August 1961).
78945. Carpco Research & Engineering, Inc. Belt conveyor.
78946. Farwerke Hoechst. Aktiengesellschaft vormals Meister Lucius & Bruning. Red monoazo-dye-stuffs and process for their manufacture.
78947. W. P. Iggulden. Improvements in equipoise mechanism.
78948. Varian Associates. Optical magnetometer.
78949. Research Engineering & Manufacturing, Inc. Thread forming devices and method for manufacturing same.
78950. Ciba Limited. Manufacture of new acylamino-compounds.
78951. Ciba Limited. Manufacture of new acylamino-compounds.
78952. Ciba Limited. Manufacture of 19-nor-steroids.
78953. Ciba Limited. Manufacture of new imines.
78954. Ciba Limited. Coating.
78955. Pirelli Societa Per Azioni. Improvements relating to a vehicle wheel tyre having a replaceable tread. (7th July 1961).

21st October 1961

78956. R. R. Pardasani. Improvement in or relating to punching machine. [Addition to No. 68896].
78957. Shell Internationale Research Maatschappij N.V. Quenching oil composition.
78958. Dr. A. Szegvari and Union Process Co. Continuous process. (28th October 1960).
78959. T. J. Smith & Nephew Limited. Improvements in and relating to substituted hydrazines. [Divisional Date 12th April 1960].
78960. T. J. Smith & Nephew Limited. Improvements in and relating to substituted hydrazines. [Divisional Date 12th April 1960].
78961. Hunslet (Holdings) Limited. Means for supplying solid fuel to locomotive fire boxes. (24th October 1960).
78962. The General Electric Company Limited. Improvements in or relating to apparatus for converting solar energy into electric energy. (24th October 1960).

78963. R. Hall. Improvements in or relating to the method and apparatus for the production of honeycomb material.
78964. La Telemecanique Electrique. Rocking Electromagnetic structure and contactor assembly using same.
78965. Hickson & Welch Limited. Improvements in or relating to optical whitening agents.
78966. D. W. Williams, T. E. Jones, E. A. C. Crouch and I. H. Morrison. Improvements in or relating to fuel elements for nuclear reactors.
78967. Schloemann Aktiengesellschaft. Improvements in the production of shaped metal bodies, from heated metal particles. (18th November 1960).
78968. Centralny nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya. Electrodes for electric arc welding and hard surfacing of grey and high strength cast-irons.
78969. Veb Elektromotorenwerk Grunhain. Extraneous ventilator arrangement for the purpose of ventilation, independent of speed in electrical machines with sliprings.
78970. Knorr-Bremse Kommanditgesellschaft. Central Buffer coupling for rail cars.
78971. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing white or coloured discharges on dyed yarns or fabrics of vegetable fibres.
78972. Veb Elektromotorenwerk Grunhain. Commutator motor with remote control device.
78973. Phillips Petroleum Company. Improvements relating to extrusion coating resins.
78974. Dr. N. Jayaraman. Improvements in or relating to a process for the manufacture of citric soluble fertilizers. [Addition to No. 53251].
78975. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to arrangements for mixing high frequency signals.
78976. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in the preparation of olefin copolymers. (21st November 1960).
78977. Ciba Limited. Process for the conversion of Steroids.
78978. The Burmah Oil Company Limited and The British Petroleum Company Limited. Process for treating crude petroleum oils. (1st November 1960).
78979. Textura A. G. Apparatus and method for crimping of natural and synthetic fibers, filaments, yarns, tows, slivers and rovings, and to products thereof.
78980. Safege-Transport. Bogie truck.
78981. A. R. Rausing. Folding box sheet blank.
78982. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Stabilized linear polyamides with carbonamide groups in the chain.
78983. Smith Stanistreet & Co. Ltd., A method for the isolation of sapogenins.
78984. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of novel sulfonamides of the pyrimidine group.
78985. Ciba Limited. New Dyestuffs and process for their manufacture and use.
78986. Ciba Limited. Manufacture of nitriles.
78987. Ciba Limited. New Pharmaceutical preparations.
- 24th October 1961
78988. A. P. Shah. Mechanical time-switch mechanism with an alarm time-piece.
78989. J. L. Mulvaney. Improvement in slung concrete walls, partitions and the like.
78990. Automatic Telephone & Electric Company Limited. Improvements in or relating to automatic telephone systems. (28th October 1960).
78991. C. P. Iyer. Twin and more rotor type synchronous (miniature) A.C. electric motor unit in which only one field coil to operate all the rotors in different directions and revolutions (R.P.M.) as desired.
78992. G. D. Peters & Co. Limited. Improvements in and relating to vacuum brake systems. (8th November 1960).
78993. Lvon Roll A.G. Aerator for sewage purification or the like.
78994. Rohm & Haas Company. Copolymers.
78995. Sperry Rand Corporation. Paper positioning means for typewriters.
78996. Minister of Aviation in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Navigational apparatus. (26th October 1960).
78997. Commercial Solvents Corporation. Process for the production of cycloserine. (25th October 1960).
78998. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Co-vulcanizable mixes on the basis of olefinic copolymers and polymers, and vulcanized elastomers having low permeability to gases.
78999. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for halogenating organic compounds which are particularly unstable under the reaction conditions, more particularly organic peroxides.
79000. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing cements suitable for cementing incandescent lamps.
79001. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semiconductor arrangements, in particular transistors.
79002. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to semi-conductor devices. (1st November 1960).
79003. The Plessey Company Limited. Improvements in or relating to fuel delivery control systems, more particularly for turbojet engines. (25th October 1960).
79004. The Plessey Company Limited. Improvements in or relating to change-over valves, more particularly for use in composite mechanical drives. (25th October 1960. [Addition to No. 76106].
79005. The Plessey Company Limited. Improvements in or relating to flyweight-operated governor valves. (25th October 1960).
79006. The Plessey Company Limited. Improvements in or relating to composite mechanical drives. (25th October 1960). [Addition to No. 72493].
79007. Takeda Chemical Industries Limited. Metadioxane derivatives of pregnane compounds.
79008. Hermorion Limited. Method for continuous tube producing.
79009. Molins Machine Company Limited. Improvements in the collection of cigarettes for packing. (25th October 1960).
79010. Farbwerke Hoechst. Aktiengesellschaft vormals Meister Lucius & Bruning. Compositions for surface anesthesia.
79011. Ciba Limited. New Dyestuffs and process for their manufacture and use.
79012. Ciba Limited. Process for the manufacture of new aminopyrazoles.
79013. Ciba Limited. Manufacture of ketones.
79014. Merck & Co. Inc. New Steroid Compounds.

#### Alteration of Date

77966. Ante-dated to 22nd January 1960 under Section 5 of the Act.
78329. Ante-dated to 12th April 1960 under Section 5 of the Act.

## Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

70382. Pittsburgh Coke & Chemical Company. preparation of guanidine nitrate. Accepted on 20th October 1961.

*Reacting urea with ammonium nitrate in presence of silica catalyst at 175—225°C.*

70399. Gevaert Photo-Production N. V. Process for the manufacture of silver image-bearing aluminium plates for printing purposes. (19th January 1959). Accepted on 20th October 1961.

*Carrying out diffusion transfer of silver halide complex in presence of cadmium and/or zinc salts.*

70429. J. R. Short Milling Company. Method for producing organoleptically bland protein and products thereof. Accepted on 13th October 1961.

*Extracting protein from an alcohol treated soybean material by aqueous extraction medium at pH 6.8-11, precipitating protein from the extract by adjusting pH to 5 to 5.4, recovering protein as a curd and drying the curd at a temperature not exceeding 60°C.*

70431. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of fast black dyeings. Accepted on 20th October 1961.

*A quinone-anil-N-halogen imide of specified general formula reacted on fibres, shaped structures or mixtures thereof with compounds containing a reactive hydrogen atom.*

70438. Bright Brothers Private Limited. Improvements in or relating to handles for containers. Accepted on 20th October 1961.

*Consisting of three parts, namely a main central piece and two inserts provided with interlocking means whereby they can be held together integrally with the said central piece.*

70468. Lee-Norse Company. Mining machine. (1st January 1960). Accepted on 21st October 1961.

*Comprising a chassis having a downwardly and forwardly directed gathering head at its forward end and a conveyor means extending from the front end of the gathering head and over the chassis, a pair of cutter arms secured to the gathering head with one of the arms on each side of the conveyor means, the arms being mounted for movement in horizontal arc toward and away for the longitudinal axis of the machine.*

70475. May & Baker Limited. New piperazine derivatives. (22nd January 1959). Accepted on 21st October 1961.

*The compounds are prepared by various methods as stated in the specification for example by reacting nitrophenylethyl bromide with N-phenylpiperazine and reducing the nitro group in the resulting compound.*

70503. Pirelli Societa Per Azioni. Improvements in or relating to removable tread pneumatic tyres and tread rings therefor. Accepted on 13th October 1961.

*At least axially central portion of the ring is provided with at least one pair of reinforcing*

*layers shrinkable axially of the ring when subjected to tension peripherally.*

70556. M. G. Woods. Improvements in and relating to drying of particulate material. (29th January 1959). Accepted on 11th October 1961.

*Means enabling air at controlled speed, temperature and humidity to be passed through layer or layers of the material while in the drying chamber in a variable direction.*

70768. (Mrs.) Bery Alice Enid DePenning. Improvements relating to pneumatic tyres. Accepted on 13th October 1961.

*Casing unit is composed of a first elastomeric substance interiorly reinforced by a carcass which is substantially inextensible transversely but extensible longitudinally and including inextensible reinforcing elements in planes radical to tyre.*

70988. Hokkaido Tanko Kisen Kabushiki Kaisha. Phosphate fertilizer composition and the method of manufacture thereof. Accepted on 12th October 1961.

*Mixing nitrohumic acid or alkali salts thereof with at least one type of phosphate selected from the group consisting of water soluble phosphates, citric acid soluble phosphate and phosphates that are insoluble in water or citric acid.*

71404. Ciba Limited. A new antibiotic and process for its manufacture. Accepted on 11th October 1961

*Cultivating a streptomyces strain having properties of streptomyces aureofaciens NRRL 2858 in aqueous nutrient medium.*

71407. Hunter Douglas International Corporation. A screen and a block for said screen. Accepted on 11th October 1961.

*Comprising a number of adjacent panels hingedly interconnected, the panels consists of plurality of blocks of rigid material.*

71408. Egyesult Gyogyszer Es Tapszergyar. Process for the preparation of new phenothiazine derivatives. Accepted on 11th October 1961.

*By reacting N-(B-oxyethyl)-N'-[p-(3'chloro-10'-phenothiazinyl)-propyl]-piperazine with carboxylic acid or a functional derivative thereof.*

71430. Molins Machine Company Limited. Improvements in or relating to continuous rod cigarette-making machines. (17th April 1959). Accepted on 12th October 1961.

*Wherein a substantial proportion at least of the airflow is discharged to atmosphere from the pumping means, and an equivalent quantity of fresh air is drawn from atmosphere into the duct.*

71449. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic mixtures of vinyl chloride containing polymers with chlorinated polyolefins of high molecular weight and process for preparing same. Accepted on 13th October 1961.

*By adding at least one chlorinated polyolefin to the polymer of vinyl chloride.*

71459. NSU Motorenwerke Aktiengesellschaft, formerly known as NSU Werke Aktiengesellschaft and Wankel G.m.b.H. Improvements in or relating to rotary internal combustion engines. Accepted on 20th October 1961.

*Working cycle including four phases of intake, compression, expansion and exhaust and a pair of bodies or members mounted, one within the other, for relative rotation to provide variable volume working chamber.*

71465. Pneuways Development Company (Private) Limited. Improvements relating to railed transport means or systems. Accepted on 13th October 1961.

*Comprising in combination a running track composed of twin parallel spaced rail supported above ground on columns, a vehicle comprising rubber or other resilient tyred wheels supporting the vehicle body on one or more bogies.*

71492. A. J. Reinhart. Apparatus for descaling pipes. (22nd April 1959). Accepted on 13th October 1961.

*Descaling apparatus a first unit of at least two cutting and scraping tools followed by a thrusting device which, for its part is followed by a second unit having at least two crushing tools, said tools thrusting device are interconnected by hinges.*

71494. General Electric Company. A method of delaminating laminar or fibrillated materials. Accepted on 20th October 1961.

*Passing the laminate in a continuous operation between adhesive coated rotating members spaced closely enough to grab the material when in the nip of the rotating members to cause delaminations.*

71495. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improved process and apparatus for the continuous feeding of cells for fused bath electrolysis of aluminium oxide. [Addition to No. 44548]. Accepted on 11th October 1961.

*The location of introduction of  $Al_2O_3$  is varied in height as well as plan.*

71504. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble organic dyestuffs containing one or more thio-sulphuric acid groups and process for their manufacture. Accepted on 20th October 1961.

*Wherein amines which contain at least one thiosulphuric acid group are reacted with organic dyestuffs which contain at least one halogen atom capable of reacting.*

71505. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for producing wet-fast dyeings or prints on shaped articles consisting of natural or regenerater cellulose. Accepted on 20th October 1961.

*Wherein shaped articles are treated with known alkaline or alkaline reducing agent and a dyestuff which contains at least one thio-sulphuric acid group.*

71506. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of olefin oxidation products. Accepted on 12th October 1961.

*By reacting in an aqueous phase at a pH above 7 an olefin-mercury compound with water in the absence of an oxidizing agent.*

71511. Imperial Chemical Industries Limited. Stabilisation of trichloroethylene. (1st May 1959). Accepted on 20th October 1961.

*Incorporating aliphatic mono ketone with boiling point not greater than  $130^\circ C$ .*

71514. Fox-Wiprite Corp. and C. Wolfson. Pressurized package for and method of dispensing beverage concentrates into an aqueous liquid to produce a self-mixed beverage. Accepted on 12th October 1961.

*The pressurised container having a discharge valve with a regulated small discharge orifice of a size that will give a small high velocity jet of the concentrate which will effect self-agitation of the aqueous liquid.*

71520. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to polyaryl sulphides. Accepted on 12th October 1961.

*By reacting together compounds of the formulae  $R_n \cdot Ar \cdot SMe$  and  $Cl \cdot x \cdot Ar \cdot R'm$  wherein  $Ar$  represents a phenyl or naphthyl radical,  $Me$  an alkali metal and  $R_n$  and  $R'm$  chlorine atoms or alkyl groups.*

71522. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing semi-conductor devices. Accepted on 20th October 1961.

*Having a metal envelope consisting of at least two parts which are joined to one another in a*

*vacuum tight manner, one part being provided with a mounting stud characterised in that these parts are first joined to one another and the stud is threaded afterwards by rolling.*

71530. J. R. Geigy A.-G. Process for the production of reactive dyestuffs and their use. Accepted on 21st October 1961.

*One mole of an ozo, anthraquinone or phthalocyanine dyestuff containing an acylatable amino group is reacted in steps with 2 mol of cyanuric chloride and with 1 mol of an organic amine containing two acylatable amino groups.*

71531. J. R. Geigy A.-G. New isoindoline derivatives and process for the production thereof. Accepted on 21st October 1961.

*1-oxo-3-aryl-3-hydroxy-isoindoline or a 3-halide thereof is reacted with an alcohol or an amine.*

71555. Dr. R. S. Dubey, and Walchandnagar Industries Limited. Improvements in or relating to the extraction of cane-wax from cane sugar factory press-mud (filter-mud). Accepted on 13th October 1961.

*The mud is spread uniformly in a bed (3—9" thick) left undisturbed for at least 3 days, then dried to make it suitable for wax-extraction.*

71561. May & Baker Limited. Improvements in or relating to photographic developer compositions. Accepted on 20th October 1961.

*Comprising as developing agent 1-phenyl-3-pyrazolidone and hydroquinone, at least one alkali, and as preservative at least one alkali metal normal sulphite, wherein part of the hydroquinone is replaced by chlorohydroquinone.*

71578. F. H. Lassiter. Method of producing reflective metalized products. Accepted on 12th October 1961.

*Comprising the steps of depositing under high vacuum conditions a microscopically thin, uniform metal film of substrate to obtain a film presenting a metal surface and calendering metal film to improve the reflectivity of metal surface.*

71623. Schweizerische Lokomotiv-und Maschinenfabrik. Improved method of finishing rotors of rotary piston displacement machines. Accepted on 11th October 1961.

*Spraying layers of mixture of lubricating agent and hardenable liquid synthetic resin adhesive on circumferential surfaces of rotors during operation, excess of mixture automatically removed in dry condition by abrasive action.*

71624. Union Carbide Corporation. Method and apparatus for producing extruded plastic pile fabric. Accepted on 20th October 1961.

*Which comprises extruding a first set of parallel individual highly shrinkable fibres spaced in groups in a first circle extruding a second set of parallel individual fibers having a lower co-efficient of shrinkage than the first fibers being spaced in groups in second circle concentric to the first, directing the sets of fibers along intersecting paths to bond the intersecting paths to bond the intersecting fibers, and shrinking the highly shrinkable fibers by subjection to heat.*

71635. W. E. O'Shei. Improvements in windscreen wipers. Accepted on 20th October 1961.

*Comprising a squeegee element having flanges extending outwardly along each side of and adjacent the rear of the squeegee element.*

71637. W. E. O'Shei. Improvements in or relating to windscreen wipers. Accepted on 20th October 1961.

*Which comprises a tongue at the end of one of the parts which projects through a slot in the back of the other part to be hingedly connected thereto.*



71652. Aziende Colori Nazionali Affini Acna S.p.A. Method for improving dyeability of synthetic materials obtained by polymerizing mono-olefinic hydrocarbons. Accepted on 11th October 1961.

*Treating the synthetic material, prior to dyeing, first with an aliphatic amine and then with an aqueous solution of an acid.*

71705. Patentgesellschaft Flate & Co. Method of and apparatus for the production of sliding clasp fastener elements, bent from wire made of synthetic plastic material. Accepted on 24th October 1961.

*Synthetic plastic wire continuously fed to the sewing machine with two needles is placed alternately about the one or the other needle, the curved wire is sewn to the supporting line and the curved wire is folded about its central axis.*

71729. Rohm & Haas Company. Improved cementitious composition. Accepted on 20th October 1961.

*Comprising a hydraulic cement, water and 3 to 20 per cent by weight of a particular thermoplastic addition polymer.*

71751. N. V. Philips' Gloeilampenfabrieken. Improvements in or relating to cathodes for electric discharge tubes and discharge tubes comprising such cathodes. Accepted on 13th October 1961.

*Wherein the permeable metal layer of the cathode is active as the current supply for the activated layer and the layer delivering barium consists of alkaline earth metal compounds, the permeable layer being consists of gange or perforated foil.*

71754. Council of Scientific and Industrial Research. Surface active agents from cashew nut shell liquid. Accepted on 21st October 1961.

*Sulphonating the phenolic constituents of cashew shell liquid at  $-10$  to  $+50^{\circ}\text{C}$ .*

71763. Maybach-Motorenbau G.m.b.H. Improvements in or relating to spur gear drives. Accepted on 21st October 1961.

*Comprises a train of three meshing spur gears which are on an input shaft and two auxiliary shafts respectively, the second stage compress two meshing spur gears one of which is on an output shaft and the other is driven by one of the auxiliary shafts and the two meshing gears on the two auxiliary shafts are of equal diameter.*

71780. Lepetit S.p.A. Pharmacologically active composition. Accepted on 21st October 1961.

*Comprises 3-pyridineacetic acid in a pharmaceutically acceptable carrier.*

71828. Homap Etablissement. Device for changing the program of washing machines. Accepted on 12th October 1961.

*Characterised by a programme pre-selection device including a support, and a readily movable members, referred to as a key.*

71868. The Firestone Tire & Rubber Company. Three-piece shoulder parting mold for pneumatic tires. (5th April 1960). Accepted on 24th October 1961.

*Mold comprises a lower end to mold one side wall of the tire, an upper end to mold the opposed side wall and an intermediate section having surfaces to mold the entire axial width of the tread of the tire.*

71872. W. E. Heilmann. Improvements in or relating to coil winding device for helical filament sliding clasp fasteners. Accepted on 21st October 1961.

*In which a rotatable thread guide which rotates a thread feed drum is provided on the side facing a stationary winding mandrel with rotatable stamping tools for manufacturing coupling elements of the helices.*

71890. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the preparation of resinous products particularly suitable in the

manufacture of textile fibers from synthetic polymers. Accepted on 11th October 1961.

*Epichlorohydrin is condensed with at least one amine having more than 3 carbon atoms in the presence of a condensing agent.*

71928. Farbenfabriken Bayer Aktiengesellschaft. Azo dye-stuffs. (14th March 1960). Accepted on 21st October 1961.

*A diazotised aminobenzene or aminonaphthalene is coupled in p-position with an amine benzene or an aminonaphthalene having a sulphonic acid group.*

71929. Farbenfabriken Bayer Aktiengesellschaft Azo dye-stuffs. (18th March 1960). Accepted on 21st October 1961.

*A diazo compound of the benzene or naphthalene series having 1 to 3 sulphonic acid groups is coupled in p-position with an amino benzene or aminonaphthalene.*

71936. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Copolymerization of cyclic acetals. Accepted on 21st October 1961.

*A cyclic acetal such as trioxan and diethylene glycol formal is polymerised in the presence of a cationically active catalyst at  $-100^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ .*

71951. Olin Mathieson Chemical Corporation. Process for the preparation of new dihydrobenzothiadiazines. Accepted on 13th October 1961.

*Interacting a corresponding 2, 4-disulfamyl-aniline with an aldehyde or the reactive functional derivatives thereof.*

71996. E. A. Morse. Absorbent product for absorbing body fluid. Accepted on 20th October 1961.

*A fluid barrier layer between a plurality of layers of absorbent material, said barrier being temporarily fluid repellent then becoming.*

71997. ZKL Vyzkumny ustav pro valiva loziska. Controlling or sorting device particularly for ball bearing balls. Accepted on 24th October 1961.

*Voltages at the resistances of the two photo-electric all are led to the symmetrical inputs of a differential d.c. amplifier and the amplifier difference of the output voltages trips a relaxation circuit for sorting.*

72055. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to lighting fittings having a housing and or closure hood of transparent material. Accepted on 24th October 1961.

*Hairpin formed springs having one limb secured to the housing of the fitting, the free end of this limb bent inwardly as a supporting member for the bearing means of the hood, the other limb of the spring locks the hood in the housing.*

72117. Gresham & Craven Limited. Improvements in apparatus for the application of material to improve the adhesion between the wheels of railway vehicles and the rails upon which they run. (23rd June 1959). Accepted on 24th October 1961.

*Comprises a nozzle, self closing at its extremity, opening under the action of a force feed to project a jet of fluent material in a ribbon form.*

72124. Merck & Co., Inc. Pharmaceutical composition. (17th August 1959). Accepted on 11th October 1961.

*Comprising testless pharmaceutically acceptable synthetic cation exchange resin having adsorbed thereon nicotinamide.*

72125. Merck & Co., Inc. Pharmaceutical composition. (17th August 1959). Accepted on 11th October 1961.

*Comprising a testless pharmaceutically acceptable synthetic cation exchange resin having adsorbed thereon thiamine.*

72129. Ciba Limited. New dioxazine dyestuffs and process for their manufacture. Accepted on 11th October 1961.

*Wherein a quinone is treated with a non-sulfonating condensing agent.*

72181. Gresham & Craven Limited. Improvements in apparatus for the application of material to improve the adhesion between the wheels of railway vehicles and the rails upon which they run. [Addition to No. 72117]. (1st October 1959). Accepted on 24th October 1961.
- Self closing nozzle with two convergent flexible sheet material having a member bearing against the flexible material, a pressure sensitive element in the nozzle to retract the member by the forced feed of the fluid.*
72190. N. V. Philips Gloeilampenfabrieken. Copper articles provided with a surface layer promoting the adherence of adhesives and method of providing this layer. Accepted on 20th October 1961.
- Surfaces of copper articles to be adhered are covered with a reaction product of copper and ammonia.*
72272. Kabel-Und Metallwerke Neumeyer Aktiengesellschaft. Improvements relating to the production of hollow bodies having external flange by pressing and tools therefore. Accepted on 24th October 1961.
- Tool comprises a one piece die, an annular punch to be moved into the end of an annular space formed between an inserted blank and the adjacent wall of the die and a perforating punch to be forced axially against the middle of the blank to penetrate or perforate.*
72296. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Improvements in or relating to cyanuric chloride. (8th April 1960). Accepted on 11th October 1961.
- Chlorine is reacted with hydrogen cyanide in the vapour phase in the presence of a catalyst under pressure.*
72325. The Cementation Company Limited. Improvements relating to mechanical rendering of surfaces and pointing of brickwork using an air-operated pointing gun, and to a gun therefor. Accepted on 24th October 1961.
- Mortar introduced under pressure into a chamber of an air operated pointing gun, speed of flow accelerated by passing through a conically reduced passage into a smooth cylindrical bore and thereafter a turbulence created with auxiliary air supply.*
72373. Foster Grant Co., Inc. Improvements in or relating to a method of producing plastic foam. Accepted on 11th October 1961.
- Extending a foamable plastic mix through multiple orifices into a zone of lower pressure.*
72432. The Dow Chemical Company. Method of making carbonyl compounds. Accepted on 11th October 1961.
- Reacting an olefine at elevated temperature and pressures with a pentavalent vanadium compound or compounds in the form of an acidic aqueous solution.*
72455. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of vulcanization of saturated amorphous polymers and copolymers of alpha olefins with each other and/or ethylene. Accepted on 20th October 1961.
- Vulcanising saturated polymers and copolymers of  $\alpha$ -olefins with each other and/or ethylene with organic peroxide in the presence of sulfur.*
72587. D. C. Sarawgi. Device for breaking hard substances. Accepted on 24th October 1961.
- A sliding hammer engaging T-guides provided on the inner surface of upright column and an electro-magnetic chuck holding the hammer and positioned above the hammer.*
72636. Bell's Asbestos and Engineering Limited. Improvements in or relating to fluid valves. (4th August 1959). Accepted on 24th October 1961.
- Valve having renewable and replaceable clacks and valve seat of alternative construction.*
72647. Minnesota Mining and Manufacturing Company. Pressure-sensitive adhesives and tapes. Accepted on 24th October 1961.
- Adhesive containing staple synthatic mono-fibres dispersed therein.*
72652. L. & C. Steinmuller, G.m.b.H. Improvements in or relating to inclined vibrator stoker. Accepted on 24th October 1961.
- Inclination of the grate bars occupying three main zones of the stoker along its entire length having three different magnitudes; grate bars of the combustion zone being less inclined than those of the preceding one and more inclined than those of the last one.*
72723. The British Drug Houses Limited. Process for the preparation of 1-o-tolyloxyethyl-4-phenylpiperidine. (20th July 1959). Accepted on 20th October 1961.
- 2-o-tolyloxyethyl halide and 4-phenyl-1,2,3,6-tetrahydropyridine are subjected to condensation and hydrogenation.*
72736. L. Hoadley and the Britannia Engineering Co. Ltd. Improved driving arrangement for roll cutter shafts of CTC or like machines. Accepted on 12th October 1961.
- Comprising a pinion wheel adapted to be driven by high speed roller shaft and to mesh with a larger gear wheel coupled with and adapted to drive the low speed roller shaft.*
72812. The Lightfoot Refrigeration Company Limited. Improvements in or relating to refrigerating systems including defrosting means. Accepted on 24th October 1961.
- Defrosting circuit comprises a defrosting coil and a pump to circulate a fluid through the circuit, said coil having substantially identical configuration of the evaporator coil and lying adjacent thereto.*
72904. Automatic Telephone and Electric Company Limited. Improvements in or relating to telephone systems. (18th August 1959). Accepted on 21st October 1961.
- Wherein for secretarial telephone answering service the setting up of a connection between a manual switchboard and a subscriber's line circuit is initiated by detecting means connected to said line circuit which detects the presence of ringing current therein.*
72923. E. I. Valyi. Improvements in or relating to apparatus for making hollow objects of organic plastic material. Accepted on 24th October 1961.
- Comprises a blow mold, a blow tube, a die, means for producing relative retracting movement and means for applying fluid pressure.*
72977. Secol Limited. Holder for photographic transparencies. Accepted on 24th October 1961.
- Comprising a flat envelope adapted to receive a transparency, one side of envelope being of flexible transparent material and the other side of flexible translucent material.*
73165. Parr Equipment Company Limited. Improvements relating to the manufacture of locknuts. Accepted on 24th October 1961.
- A nut body with an annular groove in one end face, a hollow cylindrical sleeve, one end of which folded upon itself and housed in the groove, other end having an inwardly directed flange and a ring of elastic material.*
73261. A. H. Croucher. Improved apparatus for removing the kernel from nuts. (30th October 1959). Accepted on 24th October 1961.
- Comprising a series of blunt scraper blades on a cutter head adapted to engage with the kernel within the shell, means being provided to rotate the cutter head at high speed.*
73294. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods and devices for manufacturing rod-like bodies by zone-melting. Accepted on 24th October 1961.
- Magnetic high frequency field produced by a coil, extending in the direction axial to the rod, one another field of opposite sense to the first field produced by another coil, a rod like body by zone melting with the first field is produced.*



73661. AMP Incorporated. Improvements in or relating to fluid operated piston motors. Accepted on 13th October 1961.

*Means for actuating valve member to open fluid in a channel and to retain it in open position and fluid actuable means for disengaging retaining means to close the channel, the disengaging means causing valve member to be disengaged solely when pressure in motor cylinder reaches a predetermined value.*

73772. Keelavite Hydraulics Limited. Hydraulic reciprocating apparatus. (20th October 1959). Accepted on 13th October 1961.

*Ram member including parts which control ports opening into ram cylinder at positions such that ram member acts as a valve.*

73787. Dr. D. Rebello and Shri Kumar Deb Mukherjee. Improvements in or relating to the recovery of nickel, fat and inert carrier from spent nickel catalyst. Accepted on 13th October 1961.

*Digesting spent catalyst with an inorganic acid such as sulphuric acid, or an organic acid such as formic acid, in the presence of an organic fat dissolving, water-immiscible solvent, subsequently separating solvent containing dissolved fat from the residue and washing the latter with additional quantities of solvent to give a fat-free residue.*

77966. May & Baker Limited. New Piperazine Derivatives. [Divisional date 22nd January 1960]. Accepted on 21st October 1961.

*The compounds are prepared by various methods as stated in the specification, for example by reacting Nitrophenylethyl bromide with N-phenyl piperazine and reducing the nitro group in the resulting compounds.*

78328. Molins Machine Company Limited. Improvements in or relating to continuous rod cigarette-making machines. (17th April 1959). [Divisional date 12th April 1960]. Accepted on 12th October 1961.

*Comprising in combination a conveyor, a first duct terminating at the conveyor, means to impel cut tobacco towards the entry to the duct at an angle, a further duct extending from the entry to the first duct to a chamber the further duct being arranged in the path of the tobacco particles impelled towards the entry to the first duct.*

78329. Molins Machine Company Limited. Improvements in or relating to continuous rod cigarette-making machines. [Divisional date 12th April 1960]. Accepted on 12th October 1961.

*Comprising in combination a conveyor, a first duct terminating at the conveyor, means to impel cut tobacco towards the entry to the duct at an angle, means to draw an air current through the duct to accelerate and impel the tobacco particles towards the conveyor.*

#### Patents Sealed

68382. 68416. 68548. 69012. 69044. 69155. 69207. 69250. 69246. 69262. 69266. 69270. 69291. 69300. 69310. 69321. 69538. 69743. 69778. 69906. 70031. 70293. 70407. 70598. 70630. 70736. 70807. 70830. 70835. 70843. 70863. 70864. 70923. 71108. 71116. 73466.

#### Renewal Fees Paid

29292. 35965. 36170. 36172. 36188. 38490. 38737. 38751. 38795. 38796. 38817. 38818. 38922. 38938. 39123. 39436. 39509. 39797. 40429. 40573. 40668. 40669. 40794. 40930. 40931. 41207. 42055. 42124. 42125. 42189. 42195. 42273. 42285. 42308. 42485. 42571. 42613. 42695. 44066. 44072. 44095. 44100. 44135. 44140. 44218. 44221. 44322. 44323. 44358. 44395. 44456. 44595. 45778. 45847. 46082. 46159. 46170. 46174. 46182. 46208. 46233. 46235. 46257. 46258. 46286. 46296. 46299. 46317. 46332. 46444. 46462. 46603. 46828. 46934. 47364. 48189. 48254. 48396. 48397. 48402. 48405. 48421. 48422. 48662. 48688. 48733. 48824. 48846. 48864. 48865.

48917. 49009. 49048. 49063. 49298. 49346. 49411. 49477. 49537. 49754. 49782. 50282. 50429. 50468. 50502. 50522. 50546. 50590. 50592. 50593. 50597. 50614. 50647. 50659. 50682. 50722. 50867. 50883. 50892. 50944. 50946. 50982. 50984. 50985. 51001. 51002. 51063. 51150. 51167. 51299. 51369. 52054. 52136. 52176. 52230. 52871. 52920. 52989. 52990. 52992. 53008. 53064. 53086. 53102. 53132. 53133. 53153. 53162. 53169. 53171. 53180. 53181. 53190. 53228. 53229. 53233. 53234. 53273. 53307. 53342. 53343. 53408. 53431. 53505. 53519. 53527. 53528. 53542. 53572. 53582. 53583. 53584. 53585. 53586. 53607. 53635. 53636. 53640. 53657. 53671. 53697. 53700. 53815. 53956. 54140. 54151. 54199. 54416. 54949. 55590. 55636. 55645. 55665. 55667. 55707. 55713. 55715. 55719. 55758. 55778. 55779. 55780. 55782. 55820. 55856. 55867. 55871. 55894. 55912. 55914. 55926. 55977. 55978. 55979. 56008. 56010. 56044. 56064. 56109. 56144. 56169. 56171. 56222. 56246. 56249. 56298. 56377. 56382. 56439. 56445. 56446. 56447. 56514. 56515. 56637. 56867. 57250. 57455. 57562. 57602. 57622. 58650. 58698. 58708. 58806. 58833. 58836. 58872. 58873. 58888. 58893. 58917. 58926. 58952. 58957. 58965. 58981. 59022. 59037. 59056. 59059. 59076. 59092. 59172. 59238. 59240. 59276. 59277. 59282. 59310. 59311. 59323. 59358. 59378. 59397. 59449. 59456. 59482. 59494. 59517. 59687. 59691. 59692. 59752. 59849. 59871. 60382. 60383. 60419. 60701. 60801. 61504. 61625. 61721. 61744. 61845. 61915. 62016. 62036. 62075. 62078. 62098. 62101. 62142. 62190. 62193. 62204. 62218. 62237. 62261. 62271. 62272. 62291. 62302. 62338. 62349. 62350. 62369. 62370. 62399. 62400. 62446. 62479. 62486. 62507. 62508. 62509. 62510. 62525. 62526. 62527. 62575. 62598. 62599. 62601. 62626. 62627. 62643. 62674. 62706. 62731. 62732. 62733. 62734. 62748. 62765. 62814. 62819. 62890. 62908. 63008. 63046. 63093. 63160. 63161. 63244. 63350. 63364. 63449. 63473. 63565. 63566. 63567. 63606. 64087. 64103. 64450. 64451. 64455. 65107. 65581. 65599. 65684. 65842. 65930. 66146. 66147. 66209. 66213. 66253. 66277. 67084. 67085.

**Renewal Fees Paid** in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

#### Kashmir Patents

145

#### Travancore Patents

CCCXXV

#### Cessation of Patents

32022. 32024. 32037. 32038. 32044. 34102. 34103. 36700. 44521. 44549. 44550. 46653. 48907. 48912. 48923. 48926. 51159. 51173. 51207. 53677. 53699. 56408. 56418. 56419. 56426. 56432. 56473. 56488. 56490. 59522. 59523. 59524. 59525. 59528. 59535. 59539. 59548. 59550. 59551. 59552. 59554. 59558. 59574. 64656.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 108697. Icemaster (Investments) Limited, a British Company, Pierce Street, Queen's Ferry, Near Chester, England, "A combined table lamp and cooler primarily intended for cooling bottles, cans and like containers", October 4, 1960 (United Kingdom).

- Class 1. No. 109291. Gopala Krishan Nair, Nand Kishore Bali and Sukh Dev Bali, Indian Nationals, Station Road, Kashipur, District Nainital, Uttar Pradesh, "Tool bar", May 25, 1961.
- Class 1. No. 109386. Shyam Sunder Sharma, Indian National, Sherman Place, 1529, Nai Wala 28, Karol Bagh, New Delhi-5, "Thimbles", May 30, 1961.
- Class 1. No. 109581. Abdulhusain Akbarali, an Indian National, 71, Nizam Street, Bombay-3, Maharashtra, "Frames", June 19, 1961.
- Class 1. No. 110394. Koolaire Private Ltd., a company incorporated under the Indian Companies Act, 44, Janpath, New Delhi-1 (India), "Electric hot-plate", August 7, 1961.
- Class 1. No. 110408. Asba Rani, 6242, Namak Mandi, Agra, U.P. (India), Indian, "Padlock for suitcase", August 8, 1961.
- Class 1. No. 110485. Balubhai & Brothers, an Indian partnership firm, 87, Canning Street, Calcutta-1, West Bengal, "Torch-lights", August 14, 1961.
- Class 3. No. 109489. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra, India, an Indian National, Solicitor, "A pop gun", June 12, 1961.
- Class 3. No. 109638. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra, India, an Indian National, "A clothes' line", June 27, 1961.
- Class 3. No. 109668. Shavax Khurshedji Karanjia, 3, Duaij Court, First Floor, Colaba, Bombay-5, Maharashtra, India, an Indian National, "A sandwich box", June 30, 1961.
- Class 3. No. 110334. Motco Plastics, an Indian Partnership Firm, Jehangir Mansions, 1st Marine Street, Fort, Bombay-1, City of Bombay, State of Maharashtra, India, "Pen stand-cum-scribbling pad", August 2, 1961.
- Class 3. No. 110466. Amirali Gulamhusain Bachooali (An Indian Citizen), Bachooali House, Bachooali Road, Bombay-9, Maharashtra, India, "A sprayer", August 14, 1961.
- Class 3. No. 110468. M. G. Shahani and Co. (Delhi) Private Ltd., B, Connaught Place, New Delhi-1 (India), a company incorporated under the Indian Companies Act, New Delhi, "Hot water bottle", August 14, 1961.
- Class 3. No. 110519. Dharampal Agarwal (Indian National), Hari Parshad Building, Nicholson Road, Ambala Cantt. (Punjab), "An electric massager", August 22, 1961.
- Class 3. No. 110577. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for vehicle wheel", March 25, 1961 (United Kingdom).
- Class 5. No. 109660. 1. Chidhambarathnu Kuppamuthu, 2. Kuppamuthu Natarajan, 3. Kuppamuthu Subramaniyan, 4. Kuppamuthu Jaipaul and 5. Kuppamuthu Sreedharan, M.S. Road, Vadasery, Nagercoil, Kanyakumari Dt., Madras State, Hindus, Subjects of Indian Republic, "Label", June 29, 1961.
- Class 5. Nos. 110308 and 110309. Narayanachar Ranga Rao, Post Box No. 52, Hundred Feet Road, Mysore-4, Indian Subject, "Carton", July 29, 1961.
- Class 5. No. 110543. Ali Muhammad, Madhupur (S.P.), Bihar, an Indian Citizen, "Labels", August 23, 1961.
- Class 5. No. 110548. Angel Card Co., an Indian proprietary concern, 149A, Cornwallis Street, Calcutta, West Bengal, "Cartons", August 25, 1961.
- Class 13. Nos. 110108 to 110110. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piece-goods", July 20, 1961.
- Class 13. No. 110311. Vidyawati J. Podar, Indian National, 339, Kalbadevi Road, Bombay-2, "Textile goods printed or woven designs on textile goods (other than checks or stripes)", July 29, 1961.
- Class 13. Nos. 110329 and 110330. The Tata Mills Ltd., an Indian Company, Bombay House, Bruce Street, Fort, Bombay, "Textile goods", August 1, 1961.
- Class 13. Nos. 110378 to 110380. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", August 4, 1961.
- Class 13. Nos. 110477 to 110483. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, Textile goods", August 14, 1961.
- Class 13. Nos. 110505 and 110506. The Ahmedabad Advance Mills Ltd., an Indian Company, Bombay House, Bruce Street, Fort, Bombay, Textile goods", August 19, 1961.
- Class 13. Nos. 110520 to 110524 and 110526 to 110537. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, India, a Company incorporated in India, "Textile piece goods", August 22, 1961.
- Class 13. Nos. 110555 to 110557. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", August 28, 1961.
- Class 13. Nos. 110580 to 110582. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", August 31, 1961.
- Class 13. Nos. 110595 to 110598. Vidyawati J. Podar, Indian National, 339, Kalbadevi Road, Bombay-2, "Textile goods" printed or woven designs on textile goods (other than checks or stripes), September 2, 1961.
- Class 13. Nos. 110615 to 110617. Crown Spg. & Mfg. Co. Ltd., Gokhale Road (South), Parel, Bombay-13, Nationality—Indian, "Textile goods", September 4, 1961.
- Class 13. Nos. 110100 to 110104. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", July 20, 1961.
- Class 13. Nos. 110622 to 110629. Modi Spinning & Weaving Mills Company Limited, Modinagar (Distt. Meerut), an Indian Company, incorporated under the Indian Companies Act, "Textile piecegoods", September 4, 1961.
- Class 13. Nos. 110642, 110643 and 110645. The Victoria Mills Limited, an Indian Company, De Lisle Road, Parel, Bombay-13, "Cotton piecegoods", September 6, 1961.
- Class 14. No. 108450. Manik Nagnath Salgar, Sholapur City, H. No. 315, West Mangalwar Peth, District Sholapur, Maharashtra State, Indian, "Textile goods", March 1, 1961.
- Class 14. Nos. 110099. The Arvind Mills Ltd., Naroda Road, Ahmedabad-2, Indian Company, "Cotton textile fabrics", July 20, 1961.
- Class 14. No. 110105. 1. Laxmikant Himatlal Shah, 2. Manubhai Himatlal Shah and 3. Babubhai Hamatlal Shah, Dhanlaxmi Market, Railwaypura Post, Ahmedabad-2, all Indian nationals, "Textile piecegoods", July 20, 1961.
- Class 14. No. 110107. The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", July 20, 1961.
- Class 14. Nos. 110410 and 110412. Messrs. The Phoenix Mills Ltd., an Indian Company, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", August 8, 1961.

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